

1. A shaft sealing assembly with a pumping device for sealing a fluid at a space between a housing and a rotatable shaft, comprising:

5 a seal ring unit, coaxially surrounding said shaft
within said housing and arranged for movement axially
relative to said shaft under a resilient pressure;

10 relative to said shaft when in operating position;

15 profile to act on a sealed fluid between said end faces; and

2. A sealing assembly according to claim 1 where said pumping means comprises a threaded internal cylindrical surface of a member and is mounted concentrically within said housing.

4. A sealing assembly according to claim 2 where said pumping means comprises a threaded external cylindrical surface of a member mounted for rotation with said shaft.

5. A sealing assembly according to claim 1 where said surface profile on one of said end faces is a plurality of helical grooves.

6. A sealing assembly according to claim 1 where said

Parameter	Value	Unit
α	0.1	
β	0.1	
γ	0.1	
δ	0.1	
ϵ	0.1	
ζ	0.1	
η	0.1	
θ	0.1	
ϕ	0.1	
χ	0.1	
ψ	0.1	
ω	0.1	
ν	0.1	
μ	0.1	
λ	0.1	
κ	0.1	
ι	0.1	
\hbar	0.1	
g	0.1	
f	0.1	
e	0.1	
d	0.1	
c	0.1	
b	0.1	
a	0.1	
z	0.1	
y	0.1	
x	0.1	
w	0.1	
v	0.1	
u	0.1	
t	0.1	
s	0.1	
r	0.1	
q	0.1	
p	0.1	
o	0.1	
n	0.1	
m	0.1	
l	0.1	
k	0.1	
j	0.1	
i	0.1	
h	0.1	
g	0.1	
f	0.1	
e	0.1	
d	0.1	
c	0.1	
b	0.1	
a	0.1	
z	0.1	
y	0.1	
x	0.1	
w	0.1	
v	0.1	
u	0.1	
t	0.1	
s	0.1	
r	0.1	
q	0.1	
p	0.1	
o	0.1	
n	0.1	
m	0.1	
l	0.1	
k	0.1	
j	0.1	
i	0.1	
h	0.1	
g	0.1	
f	0.1	
e	0.1	
d	0.1	
c	0.1	
b	0.1	
a	0.1	
z	0.1	
y	0.1	
x	0.1	
w	0.1	
v	0.1	
u	0.1	
t	0.1	
s	0.1	
r	0.1	
q	0.1	
p	0.1	
o	0.1	
n	0.1	
m	0.1	
l	0.1	
k	0.1	
j	0.1	
i	0.1	
h	0.1	
g	0.1	
f	0.1	
e	0.1	
d	0.1	
c	0.1	
b	0.1	
a	0.1	
z	0.1	
y	0.1	
x	0.1	
w	0.1	
v	0.1	
u	0.1	
t	0.1	
s	0.1	
r	0.1	
q	0.1	
p	0.1	
o	0.1	
n	0.1	
m	0.1	
l	0.1	
k	0.1	
j	0.1	
i	0.1	
h	0.1	
g	0.1	
f	0.1	
e	0.1	
d	0.1	
c	0.1	
b	0.1	
a	0.1	